

### **Amendments to the Claims**

1. (Withdrawn) An optical communications adapter module, comprising:  
a casing of a XENPAK-sized module having a faceplate;  
an optical communications board assembly positioned within the casing, the optical communications board assembly having a selected one of a data transmission connector and a data reception connector;  
a first optical connector coupled to the selected one of the data transmission connector and the data reception connector;  
a second optical connector disposed on the faceplate; and  
fiber optics capable of communicating data, coupling the first optical connector and the second optical connector.
2. (Withdrawn) An optical communications adapter module as recited by claim 1, wherein the optical communications board assembly is positioned with an electrical connector located at a rear end of the casing and the face plate located at a front end of the casing.
3. (Withdrawn) An optical communications adapter module as recited by claim 1, wherein the casing includes a bottom portion, a top cover, and the face plate
4. (Withdrawn) An optical communications adapter module as recited by claim 1, wherein the optical communications board assembly is an XPAK board assembly and has LC-type optical connectors.
5. (Withdrawn) An optical communications adapter module as recited by claim 1, wherein the optical communications board assembly is an X2 board assembly.

6. (Withdrawn) An optical communications adapter module as recited by claim 5, wherein the first optical connector is an SC-type optical connector.
7. (Withdrawn) An optical communications adapter module as recited by claim 1, wherein the second optical connector is an SC-type optical connector.
8. (Withdrawn) An optical communications adapter module as recited by claim 1, wherein the first optical connectors is an LC-type optical connector.
9. (Withdrawn) An optical communications adapter module as recited by claim 1, wherein the fiber optics between the first optical connector and the second connector is at least as long as a distance between the optical communications board assembly and the face plate.
10. (Withdrawn) An optical communication adapter module as recited by claim 1, wherein the first optical connector is coupled to the data transmission connector, and the adapter module further comprises
  - a third optical connector coupled to the data reception connection;
  - a fourth optical connector disposed on the faceplate; and
  - another fiber optics capable of communicating data, coupling the third and fourth optical connectors.
11. (Cancelled)
12. (Cancelled)

13. (Cancelled)
14. (Cancelled)
15. (Cancelled)
16. (Currently amended) An optical communications system, comprising:  
a client computing device including a microprocessor and a network processor coupled to one another; and  
an a XENPAK- sized optical communications adapter module housing coupled to the client computing device, an optical communications board assembly of a type other than a XENPAK board assembly being positioned within the module housing so the optical communications board assembly is capable of coupling with the client computing device through an electrical connector, a first optical connectors of the coupled with the optical communications board assembly for data transmission, being extended to be a second optical connector positioned in connector openings of the module housing, a first optical conversion cord adapted to couple the first optical connector to the second optical connector.
17. (Currently amended) An optical communications system as recited in claim 16, wherein ~~the optical communications adapter module includes;~~  
a first optical connector coupled to a second optical connector by fiber optics capable of communicating data between the first optical connector and the second optical connector; the first optical connector is coupled to a data transmission connector of the optical communications board

assembly and the second optical connector is being positioned at a face plate of the module housing; and

further comprising a third optical connector coupled with the optical communications board assembly for data transmission, the a third optical connector coupled to a fourth optical connector through a second optical conversion cord ~~fiber-optics-capable-of-transmitting data~~, the third optical connector being coupled to a data reception connector of the optical communications board assembly and the fourth optical connector being positioned at the face plate of the module housing.

18. (Withdrawn) An optical communications system as recited in claim 17, wherein the optical communications board assembly is an X2 board assembly.

19. (Original) An optical communications system as recited in claim 17, wherein the client computing device is one of a hub, a server, and a router.

20. (Original) An optical communications system as recited in claim 17, wherein the optical communications adapter module is capable of communicating with a network.

21. (Cancelled)

22. (Withdrawn) An optical communications system as recited in claim 17, wherein the optical communications board assembly is an XPAK board assembly.

23. (New) The optical communications system of claim 16 wherein the first optical connector is an LC fiber optic connector and the second optical connector is an SC fiber optic connector.

24. (New) An optical communications system, comprising:

a client computing device including a microprocessor and a network processor coupled to one another;

a XENPAK-sized optical communications adapter module housing having an opening adapted to receive a second optical connector;

an optical communications board positioned within the module housing and having an electrical connector adapted to couple with the client computing device;

a first optical connector coupled with the optical communications board spaced a distance from the opening; and

an optical conversion cord coupled at a first end to the first optical connector and coupled at a second end to the second optical connector.

25. (New) The optical communications system of claim 24 wherein the first optical connector is an LC connector.

26. (New) The optical communications system of claim 24 wherein the opening is further adapted to receive a fourth optical connector, and further comprising:

a third optical connector coupled with the optical communications board spaced a second distance from the opening; and

a second optical conversion cord coupled at a first end to the third optical connector and coupled at a second end to the fourth optical connector.

27. (New) The optical communications system of claim 26 wherein the the first optical communications connector is coupled with the optical communications board via a data transmission connector and the third optical communications connector is coupled with the optical communications board via a data reception connector.

28. (New) The optical communications system of claim 24 further comprising a faceplate disposed in the XENPAK-sized optical communications adapter module housing, and wherein the opening is disposed in the faceplate.